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TITLE: Human **tail-interacting protein** TIP47, protein and cDNA sequences, recombinant production and therapeutic uses
INVENTOR(S): Mao, Yumin; Xie, Yi
PATENT ASSIGNEE(S): Shanghai Bode Gene Development Co., Ltd., Peop. Rep. China
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AB The invention relates to a human **tail-interacting protein** TIP47, designated as **tail-interacting protein** 9.46. The open reading frame of the cDNA encodes a protein with 86 amino acids, and an estimated mol. weight of 9 kilodalton based on SDS-PAGE. The invention provides the use of polypeptide and polynucleotide in a method for treatment of various kinds of diseases, such as **cancer**, blood disease, HIV infection, immune diseases, protein metabolic protein, and inflammation. The invention also relates to methods, expression vectors and host cells for recombinant production of said **tail-interacting protein** 9.46. The invention also relates to agonist and **antagonist** of said **tail-interacting protein** 9.46 and uses in therapy. The invention found that the expression profile of said **tail-interacting protein** 9.46 in some animal cell lines and tissues was similar to that of human **tail-interacting protein** TIP47.